

IN THE CLAIMS

Please amend the claims as follows (a marked-up copy of the amended claims is attached hereto):

1. (Amended - ~~Clean copy~~) A multimedia copy control system for controlling a copy of a digital data recording medium in which digital audio data is stored and from which the digital audio - data is reproduced and recorded to another recording medium for copying, wherein the digital audio data stored in the digital data recording medium includes a first copy control information of a digital format and a second copy control information of an analog embedded format, said system comprising:

an encryption decoder configured to decrypt reproduction output data from the digital data recording medium to judge whether the reproduction output data is encrypted data;

a first copy control detector configured to detect the first copy control information from the decrypted reproduction data;

a contents data decoder configured to extract the digital audio data from the decrypted reproduction data; and

a second copy control detector configured to detect the second copy control information from the extracted digital audio data,

wherein encryption of the reproduction output data from the recording medium is

P20576.A04

A3
decrypted and judged for each digital contents unit under reproduction, and when said first copy control detector detects the first copy control information, the reproduction of the digital audio data is controlled based on the first copy control information, and when said first copy control detector detects no first copy control information, the reproduction of the digital audio data is controlled based on the second copy control information.

A4
4. (Amended - ~~Clean copy~~) The multimedia copy control system as claimed in claim 1 further comprising:

an analog output controller configured to generate analog data from the extracted digital audio data;

a digital output controller configured to convert the extracted digital audio data to a specified output format data to be generated therefrom;

wherein the digital audio data outputted via said digital output controller includes both the first and second copy information, and the analog contents data outputted via said analog output controller includes only the second copy control information.

5. (Amended - ~~Clean copy~~) A multimedia copy control method for controlling a copy of a digital data recording medium in which digital audio data is stored and from which the digital audio data is reproduced and recorded to another recording medium for copying, wherein the digital audio data stored in the digital data recording medium includes a first copy control information of a digital format and a second copy control

P20576.A04

information of an analog embedded format, said method comprising:

decrypting reproduction output data from the digital data recording medium to
judge whether the reproduction output data is encrypted data;

detecting the first copy control information from the decrypted reproduction data;

extracting the digital audio data from the decrypted reproduction data; and

detecting the second copy control information from the extracted digital audio
data,

wherein encryption of the reproduction output data from the recording medium is
decrypted and judged for each digital contents unit under reproduction, and when the first
copy control information is detected, the reproduction of the digital audio data is
controlled based on the first copy control information, and when the first copy control
information is not detected, the reproduction of the digital audio data is controlled based
on the second copy control information.

7. (Amended - ~~Clean copy~~) An optical disk reproduction device for reproducing
an optical disk in which digital audio data is stored and from which the digital audio data
is reproduced for copying, wherein the digital audio data stored in the optical disk
includes a first copy control information of a digital format and a second copy control
information of an analog embedded format, said reproduction device comprising:

a stream data extractor configured to extract stream data from the reproduction

P20576.A04

output data of the optical disk;

an encryption decoder configured to decrypt the extracted reproduction stream data to judge whether the reproduction stream data is encrypted data;

a first copy control detector configured to detect the first copy control information from the decrypted reproduction stream data;

AS a contents decoder configured to extract and decode the digital audio data from the decrypted reproduction stream data;

a second copy control detector configured to detect the second copy control information from the extracted digital audio data;

an analog output controller configured to output analog contents data from the extracted digital audio data;

a digital output controller configured to convert the extracted digital audio data to a specified output format data to be generated therefrom; and

a system controller configured to receive the first and second copy control information and controls said analog output controller and said digital output controller,

wherein encryption of the reproduction output data from the optical disk is decrypted and judged for each digital contents unit under reproduction, and when said first copy control detector detects the first copy control information, the reproduction of the digital audio data is controlled based on the first copy control information, and when

AS
said first copy control detector detects no first copy control information, the reproduction of the digital audio data is controlled based on the second copy control information.

10. (Amended - ~~Clean copy~~) The optical disk reproduction device as claimed in claim 7, wherein the digital audio data outputted via said digital output controller includes both the first and second copy control information, and the analog contents data outputted via said analog output controller includes only the second copy control information.

ALe

11. (Amended - ~~Clean copy~~) A digital data reproducing and recording system comprising a connected combination of a recording medium reproduction device for reproducing digital data of a recording medium and a recording medium recording device for recording the reproduced digital data to another recording medium, adapted to control a multimedia copy of the recording medium,

wherein the digital audio data stored in the recording medium includes a first copy control information of a digital format and a second copy control information of an analog embedded format,

said reproduction device comprising:

an encryption decoder configured to decrypt reproduction stream data output from the recording medium to judge whether the reproduction stream data is encrypted data;

a first copy control detector configured to detect the first copy control information from the decrypted reproduction stream data;

P20576.A04

a contents decoder configured to extract the digital audio data from the decrypted reproduction stream data;

a second copy control detector configured to detect the second copy control information from the extracted digital audio data;

an analog output controller configured to generate analog contents data from the extracted digital audio data; and

a digital output controller configured to convert the extracted digital audio data to a specified output format data to be generated therefrom,

wherein, when said reproduction device and said recording device are digital-connected via said digital output controller, the digital audio data reproduced from said reproduction device includes both the first and second copy control information, and when said reproduction device and said recording device are analog-connected via said analog output controller, the analog contents data reproduced from said reproduction device includes only the second copy control information.

13. (Amended - ~~Clean copy~~) A digital data recording medium adapted for multimedia copy control, said recording medium comprising:

at least one data storage region storing digital audio data which includes first copy control information of a digital format and second copy control information of an analog embedded format,

P20576.A04

said at least one data storage region storing said first and second copy control information allocated in pairs for each digital contents unit,

AM wherein the digital audio data stored in the recording medium is adapted to be reproduced from the digital data recording medium so that the reproduced data is decrypted for use in judging whether the reproduction output data is encrypted data,

the decrypted reproduction data being adapted for use in detecting the first copy control information and extracting the digital audio data therefrom, and

the extracted digital audio data being adapted for use in detecting the second copy control information.

REMARKS

In the above-noted Official Action, the Examiner objected to the specification at pages 2 and 7 for informalities. Claims 1, 3-5, 7-11 and 13 were rejected under 35 U.S.C. §102(e) over MATSUMOTO et al. (U.S. Patent No. 6,320,829). Claims 2, 6, 12 and 14 were rejected under 35 U.S.C. §103(a) over MATSUMOTO. Upon entry of the present amendment, claims 1, 4-5, 7, 10-11 and 13 will have been amended. In view of the herein-contained amendments and remarks, Applicant respectfully requests reconsideration and withdrawal of each of the outstanding objections and rejections, as well as an indication of the allowability of each of the claims now pending, in due course.